

SHAPES

Science, Health and Policy-Relevant
Ethics in SingaporeNOVEMBER –
DECEMBER 2020
Newsletter**SHAPES**An NUS Centre for Biomedical Ethics initiative supported by the
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Dear colleagues,

Welcome to the 6th issue of the **Science, Health and Policy-Relevant Ethics in Singapore (SHAPES) bi-monthly Newsletter**.

In November, SHAPES was delighted to host a multi-disciplinary exploratory webinar on **Conceptual Issues Impeding Uses & Sharing of Big Data in Biomedicine** with colleagues from Health Ethics and Policy Lab, ETH Zürich. We thank our panelists Mark Taylor, Michael Chapman, Reza Shokri, Yeo Khung Keong, Agata Ferretti, Natalie Banner, Shona Kalkman, and Josip Car, and look forward to engaging in the work arising from this webinar.

News

 [Click on the links to see the full article]**The way we train AI is fundamentally flawed***MIT Technology Review***Precision medicine key to preventing disease developing later in life***The Straits Times***Moderna seeking HSA approval for use of its Covid-19 vaccine in Singapore***The Straits Times***What's next for COVID-19 apps? Governance and oversight***Science***Coronavirus: Hackers targeted Covid vaccine supply 'cold chain'***BBC***It will change everything': DeepMind's AI makes gigantic leap in solving protein structures***Nature*

SHAPES Events:

Now Open for Registration:*Ethics Framework for Big Data in Health and Research – Learning to Apply the Framework.*

Half-day online workshop

[Register here](#)Dates available: **13 JANUARY | 9:30AM - 1PM SGT****15 JANUARY | 9:30AM - 1PM SGT**

These workshops will be based on the Ethics Framework for Big Data in Health and Research, developed by SHAPES in collaboration with a local and international working group. The workshop will focus on issues pertaining to Open Data Sharing, Real-World Data, and Public-Private Partnerships. The Framework and associated papers are open access and available [here](#).

Save the Date: 5 FEBRUARY 2021

A workshop on perceptions of IRB review arising from research SHAPES has undertaken.

Note: 2020 has been challenging and disruptive but we have also learned to achieve the same ends using different methods. Nevertheless, SHAPES looks forward to holding face-to-face events as soon as conditions permit once again.

Follow our handle @SHAPES_NUS for announcements on biomedical ethics, conferences, reports, and trends in Singapore and abroad!



Workshops & Webinars

- ➔ **16 DEC: Is there a meaningful distinction to be made between bioethics, public health ethics and global health ethics?** Sridhar Venkatapuram, Kings College London
- ➔ **19-20 FEB: Political Philosophy in Bioethics** Center for Ethics & Policy, Carnegie Mellon University

Reports

#artificial
intelligence

[Click on the links to see the full article]

- Using artificial intelligence to make decisions: Addressing the problem of algorithmic bias (2020)** by The Australian Human Rights Commission
- Outcome document: first draft of the Recommendation on the Ethics of Artificial Intelligence** by UNESCO

Academic Articles

[Click on the links to see the full article]

Further insights on institutional conflicts of interest in research settings by Yew Long Lo, *Proceedings of Singapore Healthcare*

Who is watching the watchdog?": ethical perspectives of sharing health-related data for precision medicine in Singapore by Lysaght et al., *BMC Medical Ethics*

International Reporting Mechanism for Unethical Germline Gene Editing Experiments Is Needed by Schaefer et al., *Trends in Biotechnology*

#gene editing #data ownership

Harm Reduction: A Misnomer by Nicholas B. King, *Health Care Analysis*

Reflections on dynamic consent in biomedical research: the story so far by Teare et al., *European Journal of Human Genetics*

Stem cell preservation for regenerative therapies: ethical and governance considerations for the health care sector by Master et al., *npj Regenerative Medicine*

Blog Posts & Other Media

Stem cell blogging dilemmas: patient disclosures, lawsuits, & more by Paul Knoepfler, Knoepfler Lab Stem Cell Blog

Human Plasma and Bioethics Nationalism by Joshua Penrod, Hastings Bioethics Forum

